

008. 3/24/08 – Energia Costa Azul awarded Fluor Corp. subsidiary ICA Fluor a \$100 million contract to const

West Coast LNG Projects and Proposals Status Update (7/15/08)

Note: Changes since last update are in **bold**.

Project Name, Company and Location	Average Production Capacity (Bcfd)*	Status
California		
Clearwater Port LNG Project NorthernStar Natural Gas Oxnard, California (Offshore)	1.2 1.4 Peak	NorthernStar Natural Gas has filed an Updated Deepwater Port Application for the proposed facility. This update is currently under review for data completeness by the Coast Guard and California State Lands Commission. 5/15/07 – Clearwater Port issues a press release stating it will hold itself to higher air quality standards. 5/17/07 – NorthernStar has provided the Platform Grace Structural Inspection Report to the California State Lands Commission. 5/23/07 – The California State Lands Commission has deemed the application complete. 8/28/07 – State and Federal agencies have now deemed NorthernStar's Clearwater Port application complete. 9/19/07 – The Notice of Intent/Notice of Preparation of a Draft EIS/EIR was issued by the U.S. Maritime Administration (MARAD). 10/12/07 – Operators resume oil drilling at Platform Grace. 10/31/07 – The federal licensing clock has stopped as the U.S. Coast Guard has sent the applicant a list of 396 questions.
Port Esperanza Esperanza Energy LLC Offshore California	1.2 Peak	Project feasibility study announced on March 4, 2006. 3/7/07 - Esperanza Energy, LLC announced plans to file applications with state and federal agencies to build a floating LNG receiving facility. Esperanza plans to formally file its application in mid-2008.

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Ocean Way LNG Terminal Woodside Energy Los Angeles, California (Offshore)	0.4 1.1 Peak	Applications are yet to be deemed complete until a custody transferal site has been agreed upon by SoCal Gas and Woodside. A consultant (AMEC) has been retained to prepare the EIS/EIR. Acutech has been selected as the risk assessment contractor. A project description has been released. March 20-21, 2007 – Conducted HAZID workshop at Coast Guard sector Los Angeles – Long Beach. July 9, 2007 – The city of Los Angeles received a revised application from Woodside Energy. July 30, 2007 – U.S. Maritime Administration issued a press release stating that they have received a commitment letter by Woodside Natural Gas to utilize U.S. flag and crew. 9/4/07 – Coast Guard and L.A. City determine OceanWay's application is complete. 9/12/07 – The Notice of Intent/Notice of Preparation of a Draft EIS/EIR was issued by the U.S. Maritime Administration (MARAD). Woodside Oceanway scoping comment period has been extended to October 31, 2007. 11/23/07 – The federal licensing clock has stopped as the U.S.Coast Guard has sent the applicant a list of 61 questions.
Oregon		
Port Westward LNG Facility Port Westward LNG LLC Clatskanie, Oregon	0.7 1.25 Peak	3/10/06 - The Port of St. Helens has approved a 99-year lease agreement on land along the Columbia River. Delays in obtaining a lease had caused at least one major investor in February to withdraw from the project. Port officials expect the Thompson family, who own the land, to approve the agreement soon. The project still needs permits and financing, though officials state that there have been "serious inquiries" from financial backers since the port approved the lease agreement.

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Bradwood Landing NorthernStar Natural Gas Bradwood, Oregon	1.0 1.3 Peak	8/31/07 – The Clatsop County Planning Commission in Oregon has given tentative approvals to several land-use requests made by Bradwood Landing. October 15, 2007 – Staff of Clatsop County’s Community Development Department has issued a 30-page supplemental report that disagrees with the findings of the Clatsop County Planning Commission. The county commission will hold a public hearing on the land-use application on October 22, 2007. Comments are due by December 24, 2007. December 13, 2007 - Clatsop County Commission approves zoning changes requested to build the proposed Bradwood Landing LNG terminal. The Oregon DEQ will accept comments on the water quality certification process until February 29, 2008. 3/20/08 - Clatsop Co. Commission re-affirms approval of Bradwood Landing LNG terminal through findings vote today. NorthernStar also proposes contract with county to abide by conditions and not appeal them to FERC. 4/17/08 - Bradwood Landing project seeks to block a referendum that would revoke a land use amendment favoring the project. 6/4/08 – Bradwood Landing submits Biological Assessment and comprehensive Mitigation Plan to FERC.
Oregon LNG Funding Partners Astoria, Oregon	1.0 1.5 Peak	Calpine is expecting to pre-file with FERC in May 2007. 2/1/07 - Calpine has sold the Skipanon LNG project to a group of funding partners. The project site has already been re-zoned to allow for the building of an LNG facility. A preliminary Water Suitability Assessment Report was filed on 5/23/07. Project website is now available at: www.oregonlng.net . 6/19/07 – Oregon LNG has submitted its Pre-Filing Application to FERC. LOI submitted to captain of port in June 2007. Oregon Pipeline Company Public Meetings are scheduled for December 18 and December 20, 2007. The first Resource Report was submitted in January 2008. The second Resource Report was submitted in April 2008. 6/11/08 – Oregon LNG has issued its Water Suitability Assessment (WSA) to the U.S.

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Jordan Cove Energy Project Fort Chicago Energy Partners L.P. Coos Bay, Oregon	1.0	FERC has received a notice of intent to submit an environmental assessment. 1/16/07 Jordan Cove has submitted a revised draft resource report to FERC. A certificate application is expected to be sent to FERC in April 2007. 2/2/07 - Sponsors have begun to secure binding capacity commitments from shippers. 3/8/07 - The open season for interested parties closed on March 5, 2007. 5/8/07 – Pre-Filing Activity Report #12 submitted to FERC by Jordon Cove (available to public). 6/11/07 – Pre-Filing Activity Report #13 submitted to FERC by Jordon Cove. 7/09/07 – Pre-Filing Activity Report #14 submitted to FERC by Jordon Cove. 8/15/07 – Pre-Filing Activity Report #15 submitted to FERC by Jordon Cove. 9/4/07 – Jordan Cove and Pacific Connector Gas Pipeline have filed an application with FERC. 11/07/07 – The Coos County Board of Commissioners voted to unanimously approve Jordon Cove Energy Project's application for an Administrative Conditional Use (ACU) permit. 6/30/08 – The U.S. Coast Guard issues Water Suitability Assessment (WSA) Report; sites that significant changes are needed for project.
Canada		
Port of Kitimat LNG Facility Kitimat LNG Kitimat, British Columbia	0.61 1.0 Peak	Kitimat LNG Terminal received B.C. environmental approval on June 7, 2006. 8/01/06 – The Canadian Environment Minister has announced that the proposed LNG facility is not likely to cause significant adverse environmental effects and has approved the project. The project is now fully permitted, both provincially and federally. Kitimat signs HOA with LNG Ltd for LNG supply. Kitimat is tentatively planning to break ground on construction during the Summer of 2009. Pacific Trails Pipelines, a partnership between Galveston LNG and Pacific Northern Gas, has been launched to develop the natural gas transmission pipeline from Kitimat to Summit Lake, B.C., to serve the Kitmiat LNG Terminal. 8/10/07 – Pacific Trails Pipeline has filed its formal environmental application with B.C. Environmental Assessment Office.

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Texada Island LNG Facility WestPac LNG Corp. Texada Island, British Columbia	0.5	On June 6, 2006 Westpac filed its official Project Description with the Prince Rupert Port Authority, formally beginning the regulatory review and environmental assessment process for the project. 8/1/07 – WestPac LNG Corp. has abandoned plans for a \$350-million liquefied natural gas terminal in Prince Rupert, B.C. and has proposed a \$2-billion LNG terminal and power plant on Texada Island in the Strait of Georgia. WestPac LNG plans to file a detailed Project Description with the BC Environmental Assessment Office and the Canadian Environmental Assessment Agency in early 2009. WestPac plans to put off filing its project description until the company has a better sense of new greenhouse gas (GHG) regulations that may come into effect.
Mt. Hayes Storage Project Terasen Gas Vancouver Island, British Columbia Note: This is a Peak Shaving facility not an Import facility.	1.0	Terasen Gas first applied in 2004 for permission to build the facility. Terasen Gas plans to submit a new application in 2007 to the BC Utilities Commission. On June 5, 2007, Terasen Gas (Vancouver Island) Inc. submitted a new application to the BC Utilities Commission. On November 15, 2007, Terasen Gas received conditional approval from the BC Utilities Commission. On April 1, 2008, Terasen Gas received final approval from the BC Utilities Commission to construct and operate a natural gas storage facility. Construction started in the month of April 2008. The new facility will be in service by 2011.
Mexico		
Terminal GNL de Sonora El Paso Corp. and DKRW Energy LLC Sonora, Mexico	1.3	Mexico has issued three environmental permits for the Sonora LNG Project. Project managers are now attempting to secure potential LNG suppliers.

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Energia Costa Azul LNG Facility Sempra Energy LNG Corp. Ensenada, Baja California	1.0	6/07 – The North Baja gas line expansion has received final US FERC environmental approval. 6/13/07 – The California State Lands Commission has approved the TransCanada owned North Baja Pipeline expansion project. 10/3/07 – FERC approves the North Baja Pipeline expansion project. 2/6/08 – Construction continues to run behind schedule. The terminal is 96% complete. The company expects commercial operation to commence late in the second quarter of 2008. 3/24/08 – Energia Costa Azul awarded Fluor Corp. subsidiary ICA Fluor a \$100 million contract to construct a nitrogen injection plant and a power generation facility within the Energia Costa Azul LNG regasification terminal. The first LNG carrier is expected to arrive on April 19th. 4/2/08 – Sempra completes North Baja pipeline expansion. Operations are due to begin in the second quarter this year. 5/19/08 – Sempra Energy's Energia Costa Azul liquefied natural gas receipt terminal had undergone a variety of startup and commissioning activities, including receiving the facility's first two LNG cargoes. The facility is reportedly ready for commercial operations. Supplies are not expected to start arriving until the first quarter of 2009.

*Bcfd = Billion cubic feet per day